DIP SWITCH CONFIGURATION FOR INCREASED USABILITY WITH MULTIPLE CARDS

ABSTRACT

A backplane includes two data buses and two slots, each slot having two

5   connectors, where each connector in the slot connects to a different data bus. The

slots are adapted to receive two bus controller cards each having two backplane

connectors, where the installed orientation of one card is opposite from the other

installed card. On a particular bus controller card, each backplane connector is

associated with a different data bus, depending on the slot into which the card is

10   inserted. After insertion into a slot in the mass storage unit, a card recognizes the data

bus connected to each backplane connector via the slot, and defines the relationship

between the setting of each switch and control signals relating to the card and the

backplane. The DIP switch settings for a card can then remain the same, independent

of the particular slot into which the card is inserted.

15